

New Mexico Oil Conservation Division, District I

1625 N. French Drive

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator

Echo Production, Inc.

3. Address

PO Box 1210, Graham, TX 76450

3a. Phone No. (include area code)

(940) 549-3292

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

990' FNL 7 1650' FEL, Unit B, Sec 31 T22S R32E

At surface

At top prod. interval reported below

At total depth

Same

14. Date Spudded

12/16/04

15. Date T.D. Reached

01/02/05

16. Date Completed

2/16/05

☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3525 GL

18. Total Depth: MD 8800
TVD19. Plug Back T.D.: MD 8724
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Schlumberger Platform Express

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement-Top*	Amount Pulled
17 1/2	13 3/8 H	40	0	823	--	750 sx Poz&C	362	surface	0
11	8 5/8 J&N	32	0	5650	4600	1650sx Poz&C	1199	surface	0
7 7/8	5 1/2 J&N	17	0	8800	--	750 Poz	176	5554	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	8067	--						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	8260	8292	8260-92	3/8	17	open
B) Delaware	8356	8427	8356-8427	3/8	29	open
C) Delaware	6922	7058	6922-7058	3/8	46	open
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
Delaware 8260-92	2000 gal 7 1/2% HCl
Delaware 8356-8427	2000 gal 7 1/2% HCl
Delaware 8260-8427	Frac w/22000 gals & 57000# 16/30 sd
Delaware 6922-7058	3000 Gal 7 1/2%

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/16/05	2/26/05	24	→	3	6	262	39.5	.88	pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
--	pump	50	→	3	6	262	2000/1	producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

MAY 23 2005

pump

GARY GOURLEY

PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
T. Anhy	surface	790	Red Beds		
T. Salt	790	1010	Anhydrite		
T. Delaware Sand	4565	4655	Limestone		
T. Bone Springs	4655	8455	Sand & Shale		

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tom GoldenTitle Operations ManagerSignature Tom GoldenDate 5/5/05

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.